



**Pumping
Service Report**

9185840

Client Name Anadarko Petroleum Corporation	Well Name HSR Teacher 10-14A	Job Date March 01, 2014	Call Sheet 1039085
Client Representative Mr Traux Deal	Location NW SE Sec 14:T3N:R66W	Job Type Abandonment Plugs	Rig Key 104

Well Profile

Well Type:	Oil
Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
8.625	24.000	J-55	1,370.0	2,950.0	36.30	8.097	9.625	0.0	570.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	2.200	1.995	2.910	0.000	568.000

Products

Plug 1

From Depth (ft): 570

To Depth (ft): 239.5

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 80 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 20.8 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 32 , Slurry Temperature(°F) = 59

+ 1 % of CaCl₂,

+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31



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Units & Personnel

Units							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
449095	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	03/01/2014 10:50	03/01/2014 14:35
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	03/01/2014 10:50	03/01/2014 14:35
746508	BODY JOB	Baby Bulker				03/01/2014 10:50	03/01/2014 14:35

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie	03/01/2014 10:50	03/01/2014 14:35		
Johnson, Quintin	03/01/2014 10:50	03/01/2014 14:35		
Durham, Adrian	03/01/2014 10:50	03/01/2014 14:35		
Paiu, Corneliu	03/01/2014 10:50	03/01/2014 14:35		
Paiu, Vladislav	03/01/2014 10:50	03/01/2014 14:35		

Treatment Reports & Remarks



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Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Mar 01,2014 10:50	Arrive On Location	---	--	--	--	--	0.00
		Remarks: Arrived on time.						
2	Mar 01,2014 10:55	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Talked about spotting trucks and rigging in.						
3	Mar 01,2014 11:05	Rig In	---	--	--	--	--	0.00
		Remarks: Rigged in water and bulk trucks to pump truck and pump to wellhead.						
4	Mar 01,2014 12:00	Safety Meeting	---	--	--	--	--	0.00
		Remarks: Talked about job and safety equipment, nearest medical, muster point, 911, ambulance,						
5	Mar 01,2014 12:20	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Signed all JSAs.						
6	Mar 01,2014 12:43	Pressure Test	Water	--	2,000.0	--	--	0.00
		Remarks: trips went at 2000psi, no leaks.						
7	Mar 01,2014 13:05	Mix Cement	0:1:0 Type III	1.60	9.0	--	20.80	20.80
		Remarks: Pumped 20.8 bbls of cement @ 14.2						
8	Mar 01,2014 13:11	Displace Fluid	Water	0.40	7.0	--	0.90	21.70
		Remarks: Displaced .8 bbls @ .4 with boost pump.						
9	Mar 01,2014 13:12	Stop	---	--	0.0	--	--	21.70
		Remarks: Stopped shut in valve at wellhead knocked off line and opened valve and let it suck.						
10	Mar 01,2014 13:16	Wash	Water	1.70	100.0	--	20.00	41.70
		Remarks: wash mix system and runback triplexes.						
11	Mar 01,2014 14:00	Rig Out	---	--	--	--	--	41.70
		Remarks: Rigged down iron.						
12	Mar 01,2014 14:20	Job Complete	---	--	--	--	--	41.70
		Remarks: job complete						
13	Mar 01,2014 14:25	Pre-Departure Meeting	---	--	--	--	--	41.70
		Remarks: Talked about convoy, route, weather, potential hazards.						
14	Mar 01,2014 14:35	Leave Location	---	--	--	--	--	41.70
		Remarks: Leave location to shop.						

Did Float Hold: Not Applicable

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

44364



**Pumping
Service Report**

9188039

Client Name Anadarko Petroleum Corporation	Well Name HSR Teacher 10-14A	Job Date February 28, 2014	Call Sheet 1039022
Client Representative Mr Rigo Cintora	Location NW SE Sec 14:T3N:R66W	Job Type Abandonment Plugs	Rig Key 104

Well Profile

Well Type: Oil

Maximum Treating Pressure (psi): ---

Predicted Bottom Hole Static Temperature (°F): --- @ --

Bottom Hole Circulating Temperature (°F): --- @ --

Bottom Hole Logged Temperature (°F): --- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
7.875	--	575.000	1,238.000	--	--

Casing

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	2.98	4.000	5.000	1,238.0	1,430.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	5.530	1.995	2.910	0.000	1,430.000

Products

Plug 1

From Depth (ft): 180

To Depth (ft): 1430

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 265 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 69 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 1 % of CaCl₂,
+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31



**Pumping
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Units & Personnel

Units

<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
449093	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	02/28/2014 14:00	02/28/2014 17:30
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	02/28/2014 14:00	02/28/2014 17:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	02/28/2014 14:00	02/28/2014 17:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hardwick, Waco	02/28/2014 14:00	02/28/2014 17:00		
Sanchez Jr, Carlos	02/28/2014 14:00	02/28/2014 17:00		
Cox, Brandon	02/28/2014 14:00	02/28/2014 17:00		
Davila, Israel	02/28/2014 14:00	02/28/2014 17:00		
Meisner, Jeremy	02/28/2014 14:00	02/28/2014 17:00		

Treatment Reports & Remarks

Treatment Report

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Feb 28, 2014 14:00	Arrive On Location		--	--	--	--	0.00
2	Feb 28, 2014 14:15	Tailgate Meeting		--	--	--	--	0.00
3	Feb 28, 2014 14:25	Rig In		--	--	--	--	0.00
4	Feb 28, 2014 14:55	Safety Meeting		--	--	--	--	0.00
5	Feb 28, 2014 15:10	Sign-off on Safety		--	--	--	--	0.00
6	Feb 28, 2014 15:24	Pressure Test	Water	0.30	3,000.0	0.0	0.50	0.50
7	Feb 28, 2014 15:26	Establish Circulation	Water	2.00	500.0	0.0	5.00	5.50
8	Feb 28, 2014 15:33	Pump	0:1:0 Type III	2.50	300.0	0.0	66.00	71.50
9	Feb 28, 2014 16:01	Displace Fluid	Water	3.00	350.0	0.0	2.00	73.50
10	Feb 28, 2014 16:10	Wash	Water	2.00	--	--	25.00	0.00
11	Feb 28, 2014 16:45	Rig Out	---	--	--	--	--	0.00
12	Feb 28, 2014 17:15	Job Complete	---	--	--	--	--	0.00
13	Feb 28, 2014 17:25	Pre-Departure Meeting	---	--	--	--	--	0.00
14	Feb 28, 2014 17:30	Leave Location	---	--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

44359



**Pumping
Service Report**

9188037

Client Name Anadarko Petroleum Corporation	Well Name HSR Teacher 10-14A	Job Date February 27, 2014	Call Sheet 1038931
Client Representative Mr. Rigo Cintora	Location NW SE Sec 14:T3N:R66W	Job Type Abandonment Plugs	Rig Key 104

Well Profile

Well Type: Oil

Maximum Treating Pressure (psi): ---

Predicted Bottom Hole Static Temperature (°F): --- @ --

Bottom Hole Circulating Temperature (°F): --- @ --

Bottom Hole Logged Temperature (°F): --- @ --

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	73.83	4.000	5.000	0.0	4,750.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	16.180	1.995	2.910	0.000	4,186.000

Products

Plug 1

From Depth (ft): 3993

To Depth (ft): 4750

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 270 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 55.3 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 0.5 % of CFR-2,

+ 0.25 % of FMC,

+ 0.5 % of LWA,

+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,186.000	Client



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Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449093	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	02/27/2014 11:00	02/27/2014 13:30
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	02/27/2014 11:00	02/27/2014 13:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	02/27/2014 11:00	02/27/2014 13:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hardwick, Waco	02/27/2014 11:00	02/27/2014 13:30		
Sanchez Jr, Carlos	02/27/2014 11:00	02/27/2014 13:30		
Cox, Brandon	02/27/2014 11:00	02/27/2014 13:30		
Svoboda, Miloslav	02/27/2014 11:00	02/27/2014 13:30		
Coronado, Sebastian	02/27/2014 11:00	02/27/2014 13:30		

Treatment Reports & Remarks

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Feb 27, 2014 10:00	Arrive On Location	---	--	--	--	--	0.00
2	Feb 27, 2014 10:10	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 27, 2014 10:25	Rig In	---	--	--	--	--	0.00
4	Feb 27, 2014 10:55	Safety Meeting	---	--	--	--	--	0.00
5	Feb 27, 2014 11:10	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 27, 2014 11:19	Pressure Test	Water	0.30	3,600.0	0.0	0.50	0.50
7	Feb 27, 2014 11:21	Establish Circulation	Water	2.00	300.0	0.0	6.00	6.50
		Remarks: Establish circulation & injection rate.						
8	Feb 27, 2014 11:23	Pump Preflush	Water	2.50	800.0	0.0	20.00	26.50
		Remarks: SMS preflush						
9	Feb 27, 2014 11:32	Pump Spacer	Water	3.00	800.0	0.0	6.00	32.50
		Remarks: Fresh spacer between SMS and Cement.						
10	Feb 27, 2014 11:34	Pump	0-1-0 G	2.50	500.0	0.0	55.30	87.80
11	Feb 27, 2014 11:57	Displace Fluid	Water	3.00	1,100.0	0.0	13.20	101.00
12	Feb 27, 2014 12:10	Wash	Water	2.00	--	--	25.00	0.00
13	Feb 27, 2014 12:45	Rig Out	---	--	--	--	--	0.00
14	Feb 27, 2014 13:10	Job Complete	---	--	--	--	--	0.00
15	Feb 27, 2014 13:20	Pre-Departure Meeting	---	--	--	--	--	0.00
16	Feb 27, 2014 13:30	Leave Location	---	--	--	--	--	0.00



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Treatment Reports & Remarks

Did Float Hold: Not Applicable
Fluid Returns : No
Type :
Volume (bbl) :
Temperature (°F) : --
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

44356



**Pumping
Service Report**

9185838

Client Name Anadarko Petroleum Corporation	Well Name HSR Teacher 10-14A	Job Date February 26, 2014	Call Sheet 1038789
Client Representative Mr Rigo Cintora for Mr Traux Deal	Location NW SE Sec 14:T3N:R66W	Job Type Abandonment Plugs	Rig Key 104

Well Profile

Well Type: Oil

Maximum Treating Pressure (psi): ---

Predicted Bottom Hole Static Temperature (°F): --- @ --

Bottom Hole Circulating Temperature (°F): --- @ --

Bottom Hole Logged Temperature (°F): --- @ --

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	109.50	4.000	5.000	0.0	7,045.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	27.220	1.995	2.910	0.000	7,040.000

Products

Plug 1

From Depth (ft): 7040

To Depth (ft): 6175.7

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 50 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 13.4 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 0.5 % of CFR-2,

+ 0.25 % of FMC

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31



**Pumping
Service Report**

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Units & Personnel

Units							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
449093	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	02/26/2014 07:00	02/26/2014 13:10
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	02/26/2014 07:00	02/26/2014 13:10
746506	BODY JOB	Baby Bulker				02/26/2014 07:00	02/26/2014 13:10
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/26/2014 07:00	02/26/2014 13:10
201209	PICKUP	3/4 Ton				02/26/2014 07:00	02/26/2014 13:10

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew	02/26/2014 07:00	02/26/2014 13:10		
Johnson, Quintin	02/26/2014 07:00	02/26/2014 13:10		
Durham, Adrian	02/26/2014 07:00	02/26/2014 13:10		
Lampp III, Larry	02/26/2014 07:00	02/26/2014 13:10		
Pigg, Martin	02/26/2014 07:00	02/26/2014 13:10		
Sanchez Jr, Carlos	02/26/2014 07:00	02/26/2014 13:10		
Graves, Doug	02/26/2014 07:00	02/26/2014 13:10		

Treatment Reports & Remarks



**Pumping
Service Report**

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Treatment Report								
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Feb 26,2014 07:00	Arrive On Location	---	--	--	--	--	0.00
		Remarks: Arrived on location on time.						
2	Feb 26,2014 07:05	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Discussed spotting trucks and rig in.						
3	Feb 26,2014 07:20	Rig In	---	--	--	--	--	0.00
		Remarks: Rigged in to rig, pump truck and water truck.						
4	Feb 26,2014 10:45	Safety Meeting	---	--	--	--	--	0.00
		Remarks: Discussed job with everyone on location.						
5	Feb 26,2014 11:00	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Everyone signed off on how job would go.						
6	Feb 26,2014 11:32	Start - Fluid	Water	1.00	150.0	--	1.00	1.00
		Remarks: Filled lines.						
7	Feb 26,2014 11:39	Pressure Test	Water	--	3,000.0	--	--	1.00
		Remarks: Lines held pressure.						
8	Feb 26,2014 11:46	Establish Circulation	Water	2.00	340.0	--	2.00	3.00
		Remarks: Had good returns.						
9	Feb 26,2014 11:48	Mix Cement	Thermal 35	2.00	400.0	--	13.40	16.40
		Remarks: Pumped 13.4 bbl's slurry @ 15.8.						
10	Feb 26,2014 11:56	Displace Fluid	Water	2.00	100.0	--	23.50	39.90
		Remarks: Displaced fluid to balance plug.						
11	Feb 26,2014 12:10	Stop	---	--	--	--	--	39.90
		Remarks: Stopped pumping.						
12	Feb 26,2014 12:15	Wash	Water	0.50	150.0	--	20.00	39.90
		Remarks: Washed up pump truck.						
13	Feb 26,2014 12:50	Rig Out	---	--	--	--	--	39.90
		Remarks: Rigged out from rig, pump truck and bulk truck.						
14	Feb 26,2014 13:00	Pre-Departure Meeting	---	--	--	--	--	39.90
		Remarks: Discussed journey management						
15	Feb 26,2014 13:05	Job Complete	---	--	--	--	--	39.90
		Remarks: Job complete.						
16	Feb 26,2014 13:10	Leave Location	---	--	--	--	--	39.90
		Remarks: Safely leave location.						
Did Float Hold: Not Applicable								
Fluid Returns : Not Expected								
Type :								
Volume (bbl) :								
Temperature (°F) : --								
FDAS Functioning Correctly : Yes								
Was the Program Followed As Per Design? : Yes								
Material Transfer Sheet Number								
Material Transfer Sheet Number								
44349								